

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D066-1001 REV. B AND INSTRUCTIONS FOR  
CONTINUED AIRWORTHINESS ICA-D066-1001 REV. 0 OR LATER APPROVED REVISION

REF. TCCA STC: SH13-43  
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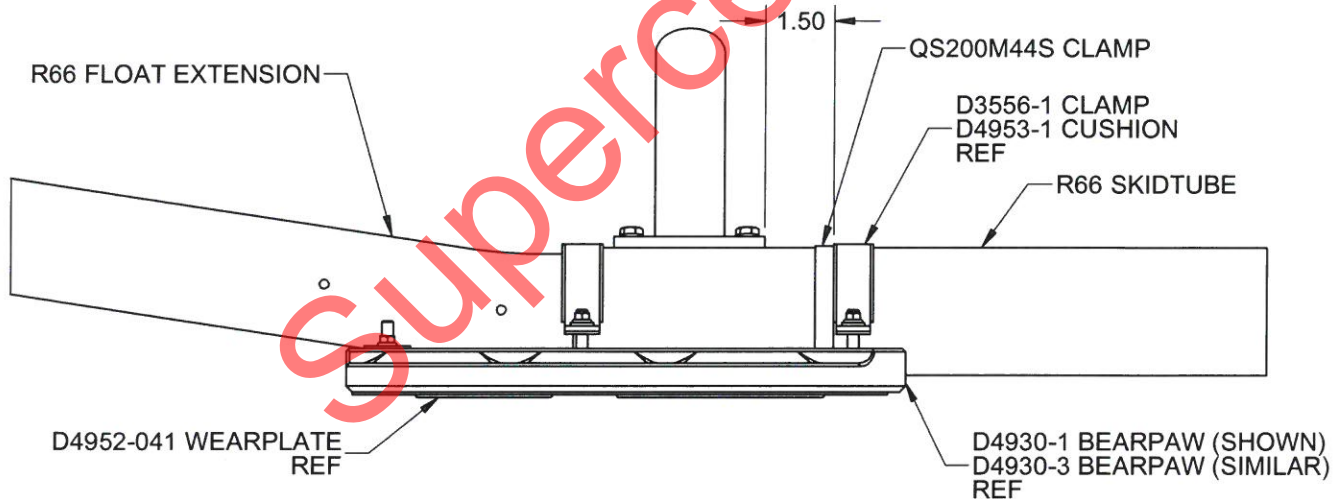
## 1.0 PURPOSE

The purpose of this Service Instruction is to illustrate how to install the D066-1001-011/-013 Bearpaw kit with the DART R66 Emergency Float Kits (p/n 649.9401 and 649.9402).

## 2.0 PROCEDURE

It is acceptable to install the D066-1001-011/-013 Bearpaws with the DART R66 Emergency Float Kits using the DSI9720-011 Clamp kit. The Bearpaw should be installed per IIN-D066-1001, except as outlined below:

- 2.1 Install a QS200M44S Clamp on each Skidtube. The forward edge of the clamp should be 1.50" from the forward edge of the saddle.
- 2.2 Install each bearpaw with the forward clamp ahead of the QS200M44S Clamp per Figure 1 and using the instructions provided in IIN-D066-1001.



**FIGURE 1 - D066-1001-011 Bearpaw Installation with  
649.9401/649.9402 Emergency Floats**  
(-011 SHOWN, -013 SIMILAR)

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**APPROVED**

BY: *[Signature]*  
D. SHEPHERD (DE # 02)

DATE: 15.02.24  
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DESIGN	VS	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	VS		
CHECKED	HS	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9720	SHEET 1 OF 2
APPROVED	HS	TITLE	SCALE
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### 3.0 WEIGHT AND BALANCE

When the bearpaws are relocated per this Service Instruction for compatibility with Dart Floats (p/n 649.9401/649.9402), the weight and balance should be updated per the following table:

Installation	Weight	Lateral		Longitudinal	
		Arm	Moment	Arm	Moment
<b>D066-1001-011</b> <i>Bearpaw Installation (Small) (with Floats)</i>	8.3 lb 3.74 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	122.39 in 3.11 m	1016 in-lb 11.6 m-kg
<b>D066-1001-013</b> <i>Bearpaw Installation (Large) (with Floats)</i>	9.8 lb 4.41 kg	0.0 in 0.0 m	0.0 in-lb 0.0 m-kg	123.48 in 3.14 m	1210 in-lb 13.8 m-kg

### 4.0 PARTS LIST

The following kit can be procured from Dart to make the bearpaws compatible with Dart floats in accordance with this Service Instruction.

Qty -011	Part Number	Description
X	DSI 9720-011	CLAMP KIT
2	QS200M44S	CLAMP

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